

Notice of Allowability	Application No.	Applicant(s)	
	10/035,675	HURST, HAROLD RAY	
	Examiner	Art Unit	
	Charles Chow	2618	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 3/20/2006.
2. ☒ The allowed claim(s) is/are 1-4, 6-10 and 23.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

Detailed Action

1. This office action is for amendment received on 3/20/2006.

EXAMINER'S AMENDMENT

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner amendment has been given from attorney Devon Grant in a telephone interview on April 17, 2006

Attorney has authorized examiner to amend claim 1 by removing the word "the step of" as follows:

In line 7 of claim 1, after the word "wherein", remove ----the step of----

Allowable Subject Matter

3. The following is an examiner's statement of reasons for allowance:

Claims 1-4, 6-10, 23 allowable over the prior art of record. The prior arts fail to teach the allowable features, singly, particularly, or in combination.

Applicant has canceled other independent claims, and amend claim 1 with allowable features:

the **editing the input formatted data**, wherein the editing the input formatted data includes adding new data to the input formatted data according to a format of the input formatted data,

whereby the **new data comprises routing information, roaming information and NPA-NXX data**,

for the method of formatting data for populating a telecommunication switch using a **switch script building program**, including converting output formatted data to input formatted data for input to a switch, for transmitting newly created input formatted data to the switch for populating the switch with new data, in order to automatically using the script building program to efficiently reconfigure a telecommunication switch with the new routing, roaming, and NPA-Nxx data.

The dependent claims are also allowable due to their dependency upon the independent claim and comprising additional claimed features associated to the features of the independent claims.

The closest prior art from Sheridan et al. (**US 6,725,032 B1**) teaches a switch 1004 for wireless communication [col. 12, line 22 to col. 13, line17], the reconfiguring of the switch using the navigation module 702 which has graphic representation of the cell components, for allow user to select the components to generate new configuration data [col. 8, line 53 to col. 9, line 18]; the work station 304 transmits configuration data to switching unit 216 [col. 5, line 61 to col. 6, line 6], but fails to teach the converting the output formatted data into input formatted data acceptable for input to the switch; the adding new data to the input formatted data according to a format of the input formatted data, whereby the new data comprises routing information, roaming information and NPA-NXX data.

Beckwith et al. (US 6,330,598 B1) teaches the modifying parameter in service control point SCP [col. 3, lines 29-56 & col. 5, lines 6-21]; the translating of the received update message request from user [col. 3, lines 59 to col. 4, line 17]; into an acceptable input format for CORBA IIOP [col. 6, lines 56-61]; the editing, adding, new parameters to be stored at SCP, the adding of new NXX to NPA [col. 3, line 29-40; col. 11, lines 1-11 & col. 14, lines 36-50], but fails to teach the switch; the script program to extract output formatted

Art Unit: 2618

data from the switch; the transmitting the input formatted data to the switch; the populating the switch with the input formatted data.

Other prior arts in below were also considered, but they fail to teach the above allowable features.

Lozano et al. (US 5,982,869) teaches the converting, automatically configuring, the call routing information for international calls by providing a set of routing table to the switches [col. 1, line 61 to col. 2, line 7]; the commSHIP software for uploading, downloading routing table to switch [col. 11, line 54 to col. 13, line 47, Fig. 1-9]; the adding, changing, deleting routing data [col. 12, lines 10-25], but fails to teach the switch script building program to extract output formatted data from the switch; the adding new data comprising roaming information and NPA-NXX data.

Amin et al. (US5,845,207) teaches the call routing based on the data from second wireless telephone, the routing of a call connection based on the call code and augmenting information from a second telephone [abstract, Fig. 3C, col. 8, line 56 to col. 9, line 3].

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Charles Chow whose telephone number is (571) 272-7889. The examiner can normally be reached on 8:00am-5:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward Urban can be reached on (571) 272-7899. The fax phone number for the

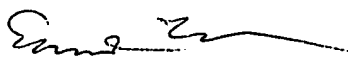
Art Unit: 2618

organization where this application or proceeding is assigned is (571) 273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Charles Chow *CC*

April 17, 2006.


EDWARD F. URBAN
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600